

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Sandra M. Cooke

GENERAL INFORMATION:

Name:	Stein, Inc.
Address:	69 Armco Road, Ashland, Kentucky
Date application received:	July 21, 2005
SIC/Source description:	3295, Slag Processing Plant
Source ID #:	37297
Activity #:	APE20050002
Permit number:	V-05-061

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input checked="" type="checkbox"/> Other (401 KAR 63:010)
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PT	21.46	93.86

SOURCE DESCRIPTION:

Stein, Inc. is a slag processing plant that supports A.K. Steel in Ashland, Kentucky. Stein, Inc. is located on property within the A. K. Steel site. Due to this, the Division and the U.S. EPA consider Stein and A.K. Steel to be one source as defined in 401 KAR 51:017, Prevention of significant deterioration of air quality (PSD). Each is responsible for their own violations unless there is a joint cause for the violations. Stein was issued a federally enforceable permit in November, 2000 with the only applicable regulation being 401 KAR 63:010, Fugitive emissions. A few changes to the plant and a change of ownership/name have occurred since that issuance.

Stein, Inc. applied for a renewal of permit F-00-020 R2 in July of 2005. Examination of available documents for Stein, Inc. show that the facility also applied for a minor revision of F-00-020 R2 in February of 2004 (log #56321) to include the addition of two Oxygen Lance Torches. Even with the addition of the Oxygen Lance cutting torch, fugitive emissions of PM is still the only emission of concern. The renewal of the Stein, Inc. permit will be issued as a new Title V permit.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

Equipment for this facility is subject to 401 KAR 63:010, Fugitive emissions, only. There are no specific emissions or operating caps, but the facility must take all reasonable and necessary precautions to prevent particulate matter from becoming airborne.

OPERATIONAL FLEXIBILITY:

None